

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Previously Presented) An A/V server comprising:

a recording means and a plurality of reproducing means for recording and reproducing data inclusive of video data and audio data on a non-linear-accessible recording medium;

at least one input processing means having a first processing means for receiving a number of commands, for processing and outputting data inputted from outside and for processing and outputting to outside the data outputted from said recording or reproducing means;

at least one output processing means having a second processing means for processing and outputting the data outputted by said recording or reproducing means; and
time-divisional controlling means for controlling said input processing means and the output processing means to time-divisionally access said recording or reproducing means respectively to input and output data;

the apparatus further comprising:

switching means having a third processing means for being fed with said data outputted from said input processing means and the output processing means for selectively outputting the input data to said input processing means and the output processing means;

editing mode selecting means for selecting a linear or non-linear editing mode; wherein said recording and reproducing means operate in a bound state such the recording means and one of the plurality of reproducing means are selected as a set and work in concert with one another during editing;

control means for controlling at least one of said input processing means, output processing means and the switching means to perform the processing specified by a control command commanding an editing mode; and

selecting means for receiving said number of commands from said at least one input processing means and for interpreting said number of commands,

wherein said third processing means controls said first processing means and said second processing means,

wherein said selecting means controls said at least one input processing means, said at least one output processing means, and said recording or reproducing means based on said number of commands interpreted by said selecting means.

2. (Previously Presented) The A/V server of claim 1 wherein
said input processing means and the output processing means each having first and second selection means;

said first selection means being fed as inputs with said data inputted from outside and said data outputted from said switching means so that one of these data is outputted from said control means;

said second selection means being fed with said data reproduced from the recording or reproducing means and said data outputted from said switching means so that one of said data is outputted under control by said control means.

3. (Previously Presented) The A/V server of claim 2 further comprising:
external reproducing means;
said control means performing control so that, when a control command specifying said pre-set editing mode is inputted, the data reproduced from the external reproducing means is inputted to said input processing means and outputted to said switching

means, while the data inputted to said switching means is outputted to said output processing means.

4. (Previously Presented) The A/V server according to claim 3 wherein said control means controls said input processing means so that said data outputted by said switching means will be selectively outputted by said first selection means so as to be re-recorded by said recording means.

5. (Previously Presented) The A/V server according to claim 3 wherein said control means controls said output processing means so that, when the data outputted by said switching means is outputted to outside, the data is selectively outputted from said second selection means.

6. (Previously Presented) The A/V server according to claim 2 further comprising:

external reproducing means;

said control means on reception of a control command specifying said pre-set editing mode controlling said output processing means so that the data recorded on the recording medium will be outputted from said output processing means, said control means also controlling the input processing means, output processing means and the switching means so that the reproduced data reproduced from a pre-set first editing point will be inputted from the input processing means to said switching means and further outputted from said switching means to said output processing means and from said second selection means, the data recorded on the recording medium being outputted from a pre-set second editing point from the output processing means.

7. (Previously Presented) The A/V server according to claim 2 further comprising:

external reproducing means;

said control means on reception of a control command specifying said pre-set editing mode controlling said input processing means, output processing means and the switching means so that the data reproduced from the external reproducing means will be inputted from said input processing means to said switching means and further outputted from said switching means to said output processing means and from said second selection means, said control means also controlling said output processing means so that the data recorded on said recording and/or reproducing means will be outputted from the pre-set first editing point from said output processing means, said control means also controlling said input processing means, output processing means and said switching means so that the data reproduced from the external reproducing means from a pre-set second editing point will be inputted to said switching means and so that the data will be outputted from said switching means to said output processing means so as to be outputted from said second selection means.

8. (Previously Presented) A data recording and/or reproducing method for recording and/or reproducing data using a data recording and/or reproducing apparatus comprising:

a recording means and a plurality of reproducing means for recording and reproducing data inclusive of video data and audio data on a non-linear-accessible recording medium;

at least one input processing means having a first processing means for receiving a number of commands, for processing data inputted from outside and for outputting to outside the processed data to said recording and/or reproducing means;

at least one output processing means having a second processing means for processing the data reproduced by said recording and/or reproducing means to output the processed data to outside;

time-divisional controlling means for controlling said input processing means and the output processing means to time-divisionally access said recording and/or reproducing means respectively to input and output data;

selecting means for receiving said number of commands from said at least one input processing means and for interpreting said number of commands, wherein said selecting means controls said at least one input processing means, said at least one output processing means, and said recording and/or reproducing means based on said number of commands interpreted by said selecting means; and

editing mode selecting means for selecting a linear or non-linear editing mode; wherein said recording and reproducing means operate in a bound state such that the recording means and one of the plurality of reproducing means are selected as a set and work in concert with one another during editing;

said method comprising:

a first step of receiving, as input, a control command specifying an editing mode;

a second step of specifying said input processing means and the output processing means as processing means for executing said control command;

a third step of outputting, from the specified output processing means, said data fed to said specified input processing means as input and reproduced from said recording and/or reproducing means from the editing point information up to a first editing point;

a fourth step of outputting said data, inputted to said input processing means, to switching means connected between said input processing means and the output processing means, for a domain from said first editing point to a second editing point, and of outputting said data from said switching means to said specified output processing means;

a fifth step of outputting the data outputted at said fourth step to outside; and
a sixth step of outputting said data reproduced from said recording and/or
reproducing means from said second editing step from said output processing means,
wherein concerted operation of respective parts of said at least one input
processing means, said at least one output processing means, and said switching means is caused
on the basis of said control command.

9. (Previously Presented) A data recording and/or reproducing method for
recording and/or reproducing data using a data recording and/or reproducing apparatus
comprising:

a recording means and a plurality of reproducing means for recording and
reproducing data inclusive of video data and audio data on a non-linear-accessible recording
medium;

at least one input processing means having a first processing means for receiving
a number of commands, for processing data inputted from outside and for outputting the
processed data to said recording and/or reproducing means;

at least one output processing means having a second processing means for
processing the data reproduced by said recording and/or reproducing means to output the
processed data to outside;

time-divisional controlling means for controlling said input processing means and
the output processing means to time-divisionally access said recording and/or reproducing means
respectively to input and output data;

selecting means for receiving said number of commands from said at least one
input processing means and for interpreting said number of commands, wherein said selecting
means controls said at least one input processing means, said at least one output processing

means, and said recording and/or reproducing means based on said number of commands interpreted by said selecting means; and

editing mode selecting means for selecting a linear or non-linear editing mode;

wherein said recording and reproducing means operate in a bound state such that the recording means and one of the plurality of reproducing means are selected as a set and work in concert with one another during editing;

said method comprising:

a first step of receiving, as input, a control command specifying an editing mode;

a second step of specifying said input processing means and the output processing means as processing means for executing said control command;

a third step of outputting said data, fed to said specified input processing means and inputted to said input processing means, up to a first editing point from the editing point information, to said switching means connected between the input processing means and the output processing means, outputting the data by said switching means to said specified output processing means and of outputting the data from said output processing means;

a fourth step of outputting said data, reproduced from said recording and/or reproducing means, from said first editing point to a second editing point, from the specified output processing means; and

a fifth step of outputting from said second editing point said data, inputted to said specified input processing means, to said switching means connected between the input processing means and the output processing means, outputting the data by said switching means to said specified output processing means and of outputting the data from said output processing means,

wherein concerted operation of respective parts of said at least one input processing means, said at least one output processing means, and said switching means is caused on the basis of said control command.